

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	395	weh .in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/21 09:08
S2	11	("2453741" "3454047" "3986732" "4485845" "5209528" "5454602" "5564471" "5740835" "6343630").PN. OR ("6616196").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/18 13:22
S3	11	("3731705" "4074698" "4222411" "4303098" "4347870" "4373551" "5095947").PN. OR ("6035894").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/18 13:28
S4	25	("2675829" "3234965" "3680591" "4249572" "4376525" "4549577" "4613112" "4681350").PN. OR ("5095947").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/18 13:29
S5	25	("2675829" "3234965" "3680591" "4249572" "4376525" "4549577" "4613112" "4681350").PN. OR ("5095947").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/18 14:28
S6	757	285/308	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/18 14:29
S7	16	("0793103" "20030146619" "20030193188" "3159412" "3469863" "4116476" "4703957" "4804208" "4863201" "5201552" "5219185" "5323808" "6443498").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/18 14:34
S8	395	weh .in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 06:03
S9	757	285/308	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 06:03
S10	972	285/322 not (S8 and S9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 06:04

EAST Search History

S11	3	(S8 and S9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 06:04
S12	31	("1745295" "2227551" "2495622" "2512741" "2690193" "2983982" "3004781" "3178208" "4049298" "4056273" "4083588" "4155574" "4312526" "4473246" "4558891" "4750242" "4790574" "4813718" "4813720" "5116083" "6116659" "6305054").PN. OR ("6860527").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 06:13
S13	11	("2453741" "3454047" "3986732" "4485845" "5209528" "5454602" "5564471" "5740835" "6343630"). PN. OR ("6616196").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 06:21
S14	5	("5080132" "5575510" "5740835" "5788289").PN. OR ("6343630").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 06:21
S15	22	("2536428" "2675829" "3425717" "3474827" "3779587" "4540201" "5060982").PN. OR ("5575510").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 06:22
S16	46	("1554187" "1854674" "1995377" "2070013" "2631872" "2727759" "2887124" "3039794" "3234965" "3435848" "3454047" "3503637" "3684321" "3757836" "3778092" "3978892" "3997196" "4394874" "4395051" "4530485" "4543995" "4688830" "4716938" "5093947" "5209528" "5575510" "5582223"). PN. OR ("5788290").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 06:23
S17	25	("2887124").URPN.	USPAT	AND	OFF	2006/07/19 06:26
S18	18	("4542922" "4625998" "4836580" "4989905" "5042844" "5112086" "5275443" "5320390" "5356181" "5370423" "5407236" "5511827" "6036237").PN. OR ("6199920").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 06:39
S19	44	("2727759" "2877437" "2951713" "3435848").PN. OR ("3684321").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 07:29
S20	1991	S8 or S9 or S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 07:30

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S21	177	285/323 not S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 07:39
S22	369	285/317 not (S20 or S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 07:39
S23	98	("2545796" "2837352" "2859932" "3075270" "3097865" "3106420" "3123099" "3125359" "3203665" "3215161" "3219278" "3401956" "3464436" "3525361" "3535361" "3537152" "3584835" "3618781" "3666300" "3685397" "3707878" "3818939" "4114853" "4182380" "4183498" "4221235" "4222411" "4269226" "4296914" "4378028" "4436125" "4442863" "4501407" "4540021" "4541457" "4549440" "4549575" "4596272" "4613112" "4637432" "4665943" "4671540" "4674535" "4685490" "4703957" "4733692" "4763683" "4786223" "4792162" "4828296" "4884830" "4909477" "4921282" "4924909" "4934655" "4944977" "4982761" "5033777" "5052725" "5076325" "5080133" "5090747" "5104158" "5123446" "5123677" "5143347" "5179976" "5316041" "5330235" "5343798" "5353836" "B490589" "D314233" "D315400" "D347467"). PN. OR ("6082401").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 07:50
S24	15	("2409811" "3489436").PN. OR ("3863961").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 08:10
S25	6	"9902913"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 08:15
S26	4	"9508734"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 08:20

EAST Search History

S27	26	"3394950"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 08:24
S28	3	"9320378"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 08:45
S29	51	"0039977"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 08:34
S30	4	"9853239"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 08:34
S31	16	"3639528"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 09:02
S32	23	"2259137"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 09:02
S33	11	("2448817").URPN.	USPAT	AND	OFF	2006/07/19 09:07
S34	23	"2259137"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 09:08
S35	29	"2327714"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 09:08
S36	14	("2327714").URPN.	USPAT	AND	OFF	2006/07/19 09:11
S37	17	"3870332"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 09:12

EAST Search History

S38	8	"4191406"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 09:15
S39	3323	S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 "I111" S19 S20 S21 S22 S23 S24 S25 S26 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/19 09:16
S40	1358	285/318 285/316 285/23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/19 09:17
S41	978	S40 not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/19 09:17
S42	10	("4825893" "5290009" "5445358" "5607139" "6129334" "6131961" "6283443" "6557904" "6568717" "6709019").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 09:24
S43	10	("3076671" "4453449" "Re27364"). PN. OR ("4723797").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 10:13
S44	21	("0204730" "0691246" "1326392" "2230046" "2736335" "3815624" "4168089").PN. OR ("4647073").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 10:27
S45	4301	S39 or S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 10:28
S46	1568	285/18 or 285/33 or 285/34 or 285/35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 10:29
S47	1143	S46 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 11:27
S48	5444	S46 or S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 11:27

EAST Search History

S49	912	285/81 or 285/87 or 285/88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 11:28
S50	612	S49 not S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 11:49
S51	6056	S49 or S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 11:50
S52	1297	137/614.03 or 137/614.04 or 137/614.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 11:50
S53	1042	S52 not S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 13:16
S54	13	("2730380" "2806716" "3201147" "3435848" "4124228" "4485845").PN. OR ("4865077").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 13:15
S55	255	S52 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 13:16
S56	7098	S52 or S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 13:29
S57	529	locking collet chucks	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 13:55
S58	40	("1043114" "1898726" "2172070" "2807473" "3184020" "3893677" "4252333" "4275893" "4305597" "4692073" "4828277" "4900202" "5299473" "5301961" "5354075" "5398946" "5464229" "5577743").PN. OR ("5755448").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/19 13:35

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S59	1667	collet chucks	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/19 13:56
S60	737	collet chucks sleeve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 06:21
S61	22	"3077330"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 06:22
S62	14	("3077330").URPN.	USPAT	AND	OFF	2006/07/20 06:25
S63	12	("3240520").URPN.	USPAT	AND	OFF	2006/07/20 06:30
S64	8	("3240520" "3894630").PN. OR ("3967847").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/20 06:34
S65	24	"3168125"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 06:38
S66	21	"3664634"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 06:44
S67	32	"1850879"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 06:50
S69	35	"2675829"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 06:53
S70	49	("2784987").URPN.	USPAT	AND	OFF	2006/07/20 07:09
S71	18	"1282377"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 07:11

EAST Search History

S72	9	"1553691"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 07:14
S73	16	"802917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 07:15
S74	59	koppenaal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 07:19
S75	1	wo98/53239	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 08:01
S76	348033	fingers	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 08:01
S77	62208	sleeve and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 08:01
S78	38769	S77 and connection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 08:02
S79	36	("2070013" "2631872" "2727759" "2887124" "3039794" "3234965" "3435848" "3454047" "3503637" "3684321" "3778092" "3997196" "4395051").PN. OR ("5209528").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/20 12:17
S80	11	"4716938"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 12:17

EAST Search History

S81	35	("1297719" "1315784" "1927582" "1966278" "2098514" "2259137" "2327714" "2383692" "2388179" "2705652" "3168333" "3394950" "4433859" "4660803" "4856823" "5112087" "5118140" "5150924" "5209528" "5217039" "5503437" "5649723" "5788289").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/20 12:22
S82	25	("1297719" "2388179" "3291442" "3655225" "3727952" "3757836" "3825223" "4366945" "4776614" "4805417" "4884830" "4889149" "5074332" "5095947" "5209528" "5244010" "5390963" "5450875" "5560407" "5575510" "5613816" "6039303").PN. OR ("6257278").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/20 12:30
S83	6	("2070013").URPN.	USPAT	AND	OFF	2006/07/20 12:52
S84	11	("2448817").URPN.	USPAT	AND	OFF	2006/07/20 13:17
S85	40	("1043114" "1898726" "2172070" "2807473" "3184020" "3893677" "4252333" "4275893" "4305597" "4692073" "4828277" "4900202" "5299473" "5301961" "5354075" "5398946" "5464229" "5577743").PN. OR ("5755448").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/20 13:31
S86	32809	groove and jaws	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 13:33
S89	54707	groove and jaw	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/20 13:33
S90	11026	S89 and coupling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/20 13:36
S91	1549	S90 and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/20 14:19
S92	149	403/275	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/20 14:22

EAST Search History

S93	608	403/298	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/20 14:22
S94	11	("2089168" "2297390" "3360961" "3574366" "3722929" "4115022" "4368786" "4702636").PN. OR ("6547479").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/20 14:34
S95	22740	jaws channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 14:34
S97	4970	S95 and coupling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 14:43
S98	3358	S97 @pd<"20020101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/20 14:44
S99	210	"1297719" or "2259137" or "2388179" or "2469111" or "1310713" or "28505" or "295555"	USPAT; USOCR	AND	OFF	2006/07/21 09:10
S10 0	12	("1297719").URPN.	USPAT	AND	OFF	2006/07/21 09:49
S10 1	76676	sliding sleeve	USPAT	AND	OFF	2006/07/21 09:50
S10 3	2356	S101 and wearing	USPAT	AND	OFF	2006/07/21 09:50
S10 4	19	("0156796" "2008894" "3428327" "4298074" "5222956" "5490683" "5505737" "5741263" "5893851" "5989257" "6000940" "6062575"). PN. OR ("6270087").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/21 09:57
S10 5	4	("3428327").URPN.	USPAT	AND	OFF	2006/07/21 10:05
S10 6	38	("3251605" "3428327" "4107949" "4131165" "4434859").PN. OR ("4502824").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/21 11:05
S10 7	23	"4543995" or "4716938"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/07/21 11:05

EAST Search History

S10 9	8840	scraper ring	USPAT; USOCR	AND	OFF	2006/07/21 15:59
S11 0	8115	S109 @pd<"20020101"	USPAT; USOCR	AND	OFF	2006/07/21 15:53
S11 1	540	scraper adj ring	USPAT; USOCR	AND	OFF	2006/07/21 15:59
S11 2	505	S111 @pd<"20020101"	USPAT; USOCR	AND	OFF	2006/07/21 15:59